

ORV SERIES

HYDRAULIC BREAKERS

SKID STEER LOADERS,

MINI & SMALL EXCAVATORS AND

TRACTOR LOADER BACKHOES



Oil and Gas Operation: ORV series operating principle utilizes a combination of oil pressure & flow from the carrier with gas pressure from the breaker which has proven to be the most efficient working technology in the industry.

Stroke Adjuster: Variable speed control in breaker maximizes productivity.

Main Valve: The internal control valve system equates to faster speeds and higher impact energy while still allowing the breaker to operate cooler.

Larger N2 Gas Chamber: Ensures high impact power.

Dual Chisel Retaining Pin: Extends service life.

Long Stroke Piston: Higher impact power and reduces vibration and recoil.

Heat-Treated Working Steel: Longer chisel life offered through a special alloy production process.



Available option:

- Silenced Box Bracket
- Pin-specific Upper Mounting Adapter
- Universal Upper Mounting Adapter with Carrier-specific Pin Kit

Specifications

		ORV250	ORV400	ORV550	ORV800S	ORV1000	ORV1300
Energy class	ft-lbs	225	375	550	850	1000	1350
Working pressure range	psi	1300 - 1740	1450 - 2030	1600 - 2400	1740 - 2400	2030 - 2465	2030 - 2465
Frequency range	bpm	550 - 1000	450 - 1000	380 - 1000	380 - 900	400 - 1100	350 - 1000
Approx. operating weight	lbs	265	386	575	730	1090	1390
Chisel diameter	inches	1.77	2.24	2.75	2.95	3.14	3.54
Back cap N2 gas pressure range	psi	142 - 200	142 - 200	142 - 170	142 - 170	142 - 200	142 - 200
Built-in accumulator N2 gas	psi	N/A	N/A	N/A	N/A	570 - 710	570 - 710
Carrier machine weight range	US tons	0.9 - 2.5	1.65 - 4.4	3.3 - 7.1	4.9 - 8.8	5.0 - 8.8	6.6 - 11
Piping inner diameter	inches	1/2	1/2	1/2	1/2	3/4	3/4
Circuit relief valve set at	psi	2500	2500	2500	2500	2500	2500
Carrier output flow range	gpm	4 - 8	7 - 13	11 - 18	14 - 20	15 - 23	16 - 26

*** Specifications are subject to change without prior notification.
Operating weight excludes a backing plate for skid steer configuration.
Please refer to carrier specifications in order to see what combination is best for you.*



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